

CLASSIFICATION SECRET

25X
25XCENTRAL INTELLIGENCE AGENCY **CL**
INFORMATION REPORT

COUNTRY Hungary

DATE DISTR. 13 Nov 1951

SUBJECT YAK-17

NO. OF PAGES 1

NO. OF ENCLS. 1
(LISTED BELOW)(A)SUPPLEMENT TO
REPORT NO.

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THIS IS UNEVALUATED INFORMATION

1. I estimate the length of the fuselage of the YAK-17 to be about 25 feet, the wing span 30 feet, the intake diameter about 32 inches, and the exhaust diameter about 24 inches. A screen located within the nose air intake prevented me from seeing any divider for passing engine air around the cockpit. I don't remember seeing any dive brakes, or stall fences on the wings or radio antenna.
2. The guns were located high on both sides of the nose, with the inspection doors adjacent. A Hungarian Air Force captain in charge of maintenance of piston engine aircraft told me that the Soviets claim that these were 6.5 cm "rocket cannons". I saw no gunsight.
3. The YAK-17 was started by an unusual procedure [See Enclosure (A)]. One man rolled up a cart of four standard oxygen flasks to within about 12 feet of the nose of the airplane. Each flask, about 60 inches long and 9 inches in diameter, was filled with air of about 150 atmospheres pressure. I am sure that the flasks contained compressed air because the Hungarian color code is as follows: red band, air; blue band, oxygen; yellow band, hydrogen; and white band, carbide. At this time the pilot remained seated in the plane while a man placed a plate in the nose air intake and gave the plate a half turn to lock it in place. He then opened the four valves simultaneously, at which time there were sounds of hissing air and a whining turbine for 30 or 40 seconds. A man then gave the plate a half turn and removed it from the nose of the plane. The jet engine turbine continued to whine and the pilot then taxied the airplane for a take-off.

-end-

Enclosure (A) [] sketch of starting device for YAK-17 aircraft

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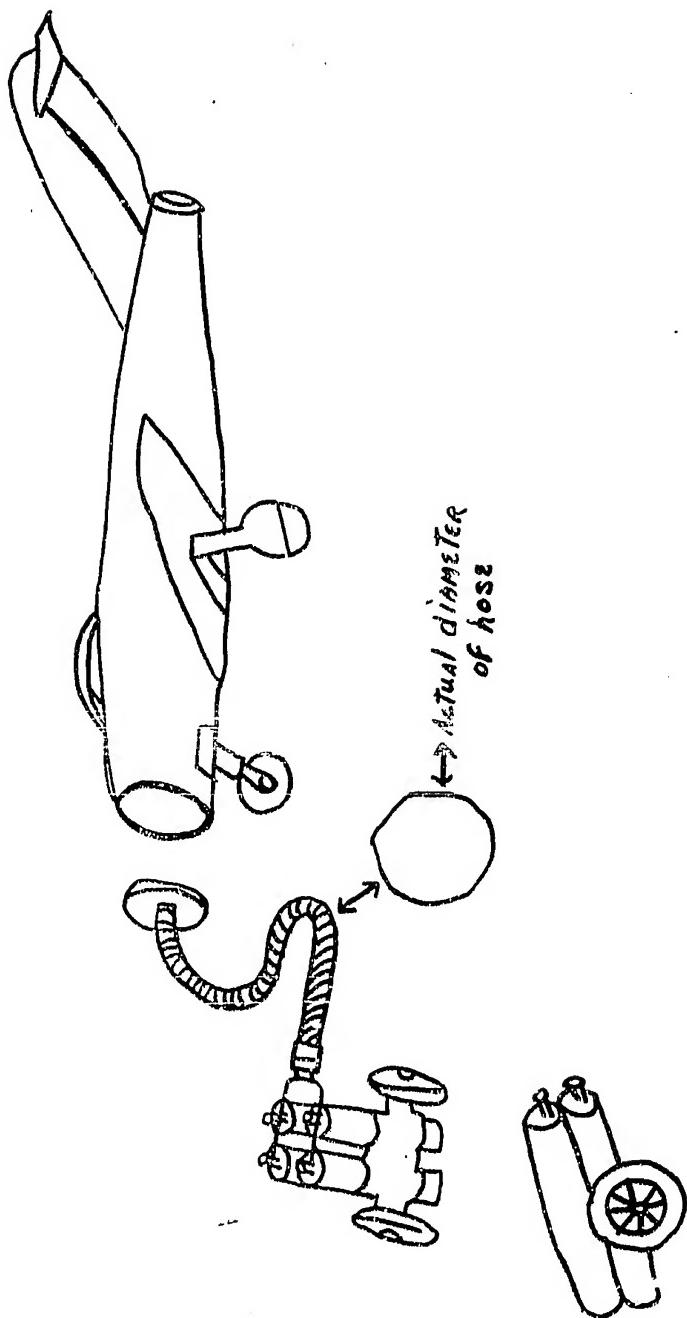
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ENCLOSURE (A)

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25X1 [redacted] sketch of starting device
for the YAK-17 aircraft

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